

N^o 10,371



A.D. 1893

Date of Application, 26th May, 1893

Complete Specification Left, 13th Feb., 1894—Accepted, 7th Apr., 1894

PROVISIONAL SPECIFICATION.

Improvements in the Bridges of Pince-nez or Double Eyeglasses.

I, FREDERICK ALEXANDER DYAS of 52 Queen Street, Glasgow, Lanarkshire, Optician, do hereby declare the nature of my invention to be as follows :—

This invention has reference to and comprises improvements in the construction of the bridges of pince-nez or double eyeglasses. These bridges are formed in
5 two main straight parallel parts which slide over or past each other, and are adjustably held on the wearers nose by a helical spring mounted between collars or eyes at the ends of the two bridge parts.

Heretofore these two bridge parts have been liable to get loose and oscillate about out of order, and been difficult to repair.

10 My improvements are designed to obviate this and to enable the parts to be adjustably tightened up and easily repaired should they get loose. These improvements consist in forming one of the rigid straight parts of the bridge of a hollow or shell shape, preferably slit or open on its upper longitudinal edge, and of a triangular, square, or polygonal shape in cross section. The other sliding
15 part of bridge would be formed solid of corresponding shape to fit and slide within the other hollow shaped bridge part. Collars or eyes would be fitted at the free ends of these two bridge parts, and have a helical spring mounted between these collars on the outside of the bridge parts for adjustably securing the plaquets on the nose.

20 By this construction there is little liability of the bridge parts to shake loose from each other, and any slight deviation can be easily and quickly adjusted or repaired.

Dated 25th May 1893.

25 W. R. M. THOMSON & Co.,
96, Buchanan Street, Glasgow, Agents.

COMPLETE SPECIFICATION.

Improvements in the Bridges of Pince-nez or Double Eyeglasses.

I, FREDERICK ALEXANDER DYAS, of 52 Queen Street, Glasgow, Lanarkshire, Optician, do hereby declare the nature of my invention, and in what manner the
30 same is to be performed to be particularly described and ascertained in and by the following statement in writing, that is to say :—

This invention has reference to and comprises improvements in the construction of the bridges of pince-nez or double eyeglasses. These bridges are formed in two main straight parallel parts which slide over or past each other and are
35 adjustably held on the wearers nose by a helical spring mounted between collars or eyes at the ends of the two bridge parts.

Heretofore these two bridge parts have been liable to get loose and oscillate about out of order, and been difficult to repair.

My improvements are designed to obviate this and to enable the parts to be
40 adjustably tightened up and easily repaired should they get loose.

And in order that my said invention and the manner of performing or carrying the same into effect or practice may be properly understood, I have hereunto appended an explanatory sheet of drawings in which

Figure 1 represents an elevation and Figure 2 a plan view of a pince-nez or
45 double eyeglass as fitted with my improvements.

[Price 8d.]

Dyos' Improvements in the Bridges of Pince-nez or Double Eyeglasses.

Figures 3 and 4 are a longitudinal view partly in section and an end view respectively of the one or hollow sliding part of the bridge, and its fixed end collar; and Figures 5 and 6 are corresponding views of the other or inner solid sliding part of bridge and its loose end collar. While Figure 7 is a transverse section through the two sliding parts of bridge, as taken on the line 2—2 5 Figure 2.

Referring to these drawings:—My improvements consist in forming one of the rigid straight parts *a* of the bridge of a hollow channel or shell shape, preferably slit or open on its upper longitudinal edge *a*¹, although it may be slit at the lower part or sides, and of a triangular shape in cross section, as shown in 10 Figure 4, but it might be formed of square or polygonal shape. The other sliding part *b* of bridge would preferably be formed solid of corresponding shape to fit and slide within the other hollow shaped bridge part *a*. Collars or eyes *a*², *b*², would be fitted at the free ends of these two bridge parts *a*, *b*, the one *a*² being formed on the part *a* and the collar *b*² being mounted loosely on the 15 part *b* and secured by a pinching screw, as shown in Figures 5 and 6, and a helical spring *c* is mounted between these collars *a*², *b*², on the outside of the bridge parts for adjustably securing the plaquets *d d* on the nose. By this construction there is little liability of the bridge parts *a b* to shake loose from each other, and any slight deviation can be easily and quickly adjusted or repaired. 20

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is:—

First. The constructing of the rigid straight parts of the bridges of pince-nez or double eyeglasses having the one sliding part formed of a hollow channel or 25 shell shape for the other part to fit and slide therein, substantially as herein described in reference to and by way of application shown in the accompanying drawings.

Second. In pince-nez or double eyeglasses, the combination comprising the straight bridge parts formed of hollow and solid shape respectively for the one 30 part to slide within the other, and having end collars and a helical spring substantially as herein described in reference to and by way of application shown in the accompanying drawings.

Dated the 12th day of February 1894.

W. R. M. THOMSON, & Co., 35
96, Buchanan Street, Glasgow, Agents.



[This Drawing is a full-size reproduction of the Original.]

FIG. 1.

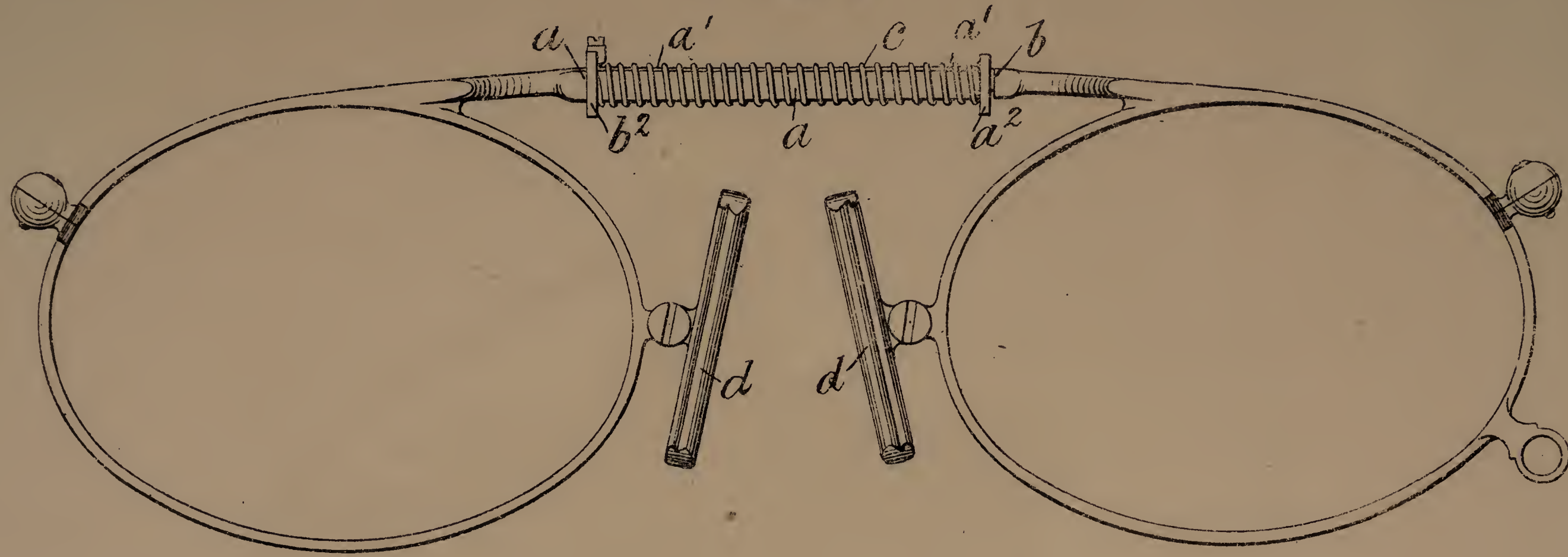


FIG. 2.

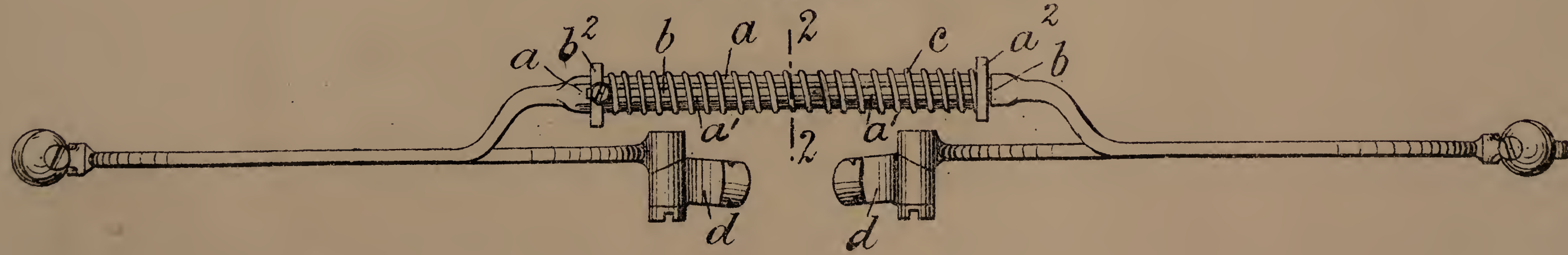


FIG. 3.

FIG. 4.

FIG. 7.

FIG. 6.

FIG. 5.

